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RESULT 2
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ID
    AAH25119 standard; DNA; 1074 BP.
XX
AC
    AAH25119;
XX
DT
    22-AUG-2001 (first entry)
XX
DE
    Nucleotide sequence of a human kinase polypeptide.
XX
    Human; kinase; human disease; human disorder; ss.
KW
XX
OS
    Homo sapiens.
XX
FH
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FT
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FT
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PN
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PD
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XX
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    07-DEC-2000; 2000WO-US33240.
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PR
    07-DEC-1999;
                 99US-0169428.
XX
    (LEXI-) LEXICON GENETICS INC.
PA
XX
ΡI
    Donoho G, Scoville J, Turner CA, Friedrich G, Zambrowicz B;
PΙ
    Abuin A, Sands AT;
XX
    WPI; 2001-381667/40.
DR
    P-PSDB; AAB84360.
DR
XX
PT
    Novel isolated human kinase polynucleotide that shares structural
PT
    similarity with animal kinases including calcium/calmodulin-dependent
PT
    protein kinases and serine/threonine protein kinases, useful in
    therapeutics
PT
\mathbf{X}\mathbf{X}
PS
    Disclosure; Page 30-31; 32pp; English.
XX
CC
    The present sequence encodes a kinase polypeptide. The kinase
CC
    polynucleotides and polypeptides are useful in therapeutic, diagnostic
CC
    and pharmacogenic applications. They are useful for the detection of
CC
    mutant kinases, or inappropriately expressed kinases for the diagnosis
CC
    of a disease or disorder. They are useful for screening for drugs (or
CC
    high throughput screening of combinatorial libraries) effective in the
CC
    treatment of symptomatic or phenotypic manifestations of that disease
CC
    or disorder. The polynucleotide sequence is useful as a source of
CC
    probes and primers, which can be used to screen libraries, isolate
CC
    clones, and prepare cloning and sequencing templates.
XX
so
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                       100.0%; Score 1074; DB 22; Length 1074;
 Best Local Similarity
                       100.0%; Pred. No. 0;
 Matches 1074; Conservative
                             0; Mismatches
                                             0; Indels
                                                          0; Gaps
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            Db
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Qy
            Db
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Db	481	ATAATGATCAGTGACTTTGGATTGTCAAAAATGGAGGGCAAAGGAGATGTGATGTCCACT 540
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Db	541	GCCTGTGGAACTCCAGGCTATGTCGCTCCTGAAGTCCTCGCCCAGAAACCTTACAGCAAA 600
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Qy	721	GACTCTCCCTACTGGGATGACATCTCCGACTCTGCAAAAGACTTCATTCGGAACCTGATG 780
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Qy	1021	TTGGCCAGCCAAAAAGACTGTGCGTATGTAGCAAAACCAGAATCCCTCAGCTGA 1074
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AF286366
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                               1579 bp
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                                              linear PRI 17-AUG-2000
DEFINITION
          Homo sapiens CamKI-like protein kinase mRNA, complete cds.
ACCESSION
          AF286366
VERSION
          AF286366.1 GI:9837340
KEYWORDS
SOURCE
          Homo sapiens.
  ORGANISM
          Homo sapiens
          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
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  AUTHORS
          Verploegen, S., Koenderman, L. and Coffer, P.J.
  TITLE
          Identification and characterization of CKLiK: a novel granulocyte
          Ca2+/calmodulin-dependent kinase
  JOURNAL.
          Blood (2000) In press
REFERENCE
          2 (bases 1 to 1579)
  AUTHORS
          Verploegen, S. and Coffer, P.J.
  TITLE
          Direct Submission
  JOURNAL
          Submitted (11-JUL-2000) Dept. Pulmonary Diseases, University
          Medical Center Utrecht, Heidelberglaan 100, Utrecht 3584 CX, The
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 Matches 1074; Conservative
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Qу
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Qy
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388 GTGTCCGGTGGAGAGCTGTTTGACCGGATAGTGGAGAAGGGGTTTTATACAGAGAAGGAT 447

Db

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Db	748	TTTTATGATGAAAATGACTCCAAGCTCTTTGAGCAGATCCTCAAGGCGGAATATGAGTTT 807
Qу	721	GACTCTCCCTACTGGGATGACATCTCCGACTCTGCAAAAGACTTCATTCGGAACCTGATG 780
Db		GACTCTCCCTACTGGGATGACATCTCCGACTCTGCAAAAGACTTCATTCGGAACCTGATG 867
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ДÀ		AAACTACACCTCGGCAGCAGCCTGGACAGTTCAAATGCAAGTGTTTCGAGCAGCCTCAGT 1020
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ΣУ		TTGGCCAGCCAAAAGACTGTGCGTATGTAGCAAAACCAGAATCCCTCAGCTGA 1074
0b	1108	TTGGCCAGCCAAAAAGACTGTGCGTATGTAGCAAAACCAGAATCCCTCAGCTGA 1161

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